

Glutarimide, 3-(phenylacetyl-amino)-N-methyl

Inchi:	InChI=1S/C13H14N2O3/c1-15-11(16)7-10(8-12(15)17)14-13(18)9-5-3-2-4-6-9/h2-6,10H,
InchiKey:	FNCVOWZNMJZXIP-UHFFFAOYSA-N
Formula:	C13H14N2O3
SMILES:	CN1C(=O)CC(NC(=O)c2ccccc2)CC1=O
Mol. weight [g/mol]:	246.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.04		Crippen Method
logp	0.564		Crippen Method
mcvol	184.080	ml/mol	McGowan Method
rinsol	2216.00		NIST Webbook

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=R106560&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinsol:	Non-polar retention indices

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